



ARPLANK TEST RESULTS

ABOUT US





ARPLANK Supply Specification

- Available Colour: Black
- Block Size: 1800x1200x150 mm
- Density Options: 20/30/45 kg/m³





BEST PRACTICE ARPLANK

Reduced volume, with no change in protective properties

Material properties:





100% Recyclable

100%

30%-50%

30-50% Material savings with the same cushioning properties



ARPLANK PROPERTIES



ENERGY ABSORPTION Multi-directional compression, unaffected by the direction of impact.

WEIGHT REDUCTION Density optimization makes ARPLANK 30 – 40% smaller, lighter and a safer packaging option.

CHEMICAL INERT

ARPLANK is chemically inert; no chemicals are used during production and no VOC. It is resistant to water and oils.

ISOTROPIC BLOCKS

Isotropic blocks meaning there is the same impact performance from all 3 axes.

RECYCLABLE

Made out of 25% recycled material to form an end product that is 100% recyclable.



COMPRESSION SET 50% STRAIN (ISO 1856)

Comparison of competitive matierals (corss-linked) with ARPLANK



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COMPRESSION SET 50% STRAIN (ISO 1856)

Comparison of competitive materials (physically cross-linked) with



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COMPRESSION SET 50% STRAIN (ISO 1856)

Comparison of competitive materials (non-cross linked) with ARPLANK



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ARPLANK CUSHIONING TEST





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ARPLANK is the best material in the market for compression set, this makes it suitable for reuseable packaging, long-term storage packaging and overseas transport.

Density (g/l)			
EXTRUDED PE	35	65	90
cXLPE	30	45	65
ARPLANK	20	30	45

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ARPLANK SCRATCH RESISTANCE

ARPLANK is ideally suited for protection during transportation of products with sensitive surfaces



ARPLANK 20 Scratched surface in %: 0.15



xPE 30 Scratched surface in %: 3.0



cXLPE 30 Scratched surface in %: 0.50



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ARPLANK EU directives and regulations

Strategy for plastics - by 2030 100% plastic in EU must be recyclable

Strategy for plastic – by 2030 all plastic used for packaging must must have minimum 30% recycled content

Green deal - 50% plastic waste must be recycled by 2025



SUSTAINABILITY





THANK YOU FOR YOUR ATTENTION



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